

ICIS-NPDES Data Elements Included in the ECHO Data Download

The Enforcement and Compliance History Online (ECHO) system incorporates data from the Integrated Compliance Information System National Pollutant Discharge Elimination System (ICIS-NPDES).

1.1 ICIS-NPDES Description

ICIS-NPDES is an information management system maintained by the Office of Compliance to track permit compliance and enforcement status of facilities regulated by the National Pollutant Discharge Elimination System (NPDES) under the Clean Water Act (CWA). ICIS-NPDES is designed to support the NPDES program at the state, regional, and national levels.

Active facilities are those currently in operation. Major/federally-reportable are facilities for which states must submit compliance and enforcement data to EPA. Under the Clean Water Act, a major facility is any NPDES facility or activity classified as such by the regional administrator, or in the case of approved state programs, the regional administrator in conjunction with the state director. Major municipal dischargers include all facilities with design flows of greater than one million gallons per day and facilities with EPA/state approved industrial pretreatment programs. Major industrial facilities are determined based on specific ratings criteria developed by EPA/state.

Minor/not federally-reportable are facilities for which states are not required to submit data to EPA. EPA is therefore not able to verify the accuracy or comparability of data for these permits, although the Agency tracks their names and locations and may have some data about their inspections and enforcement activity.

ICIS-NPDES records included in the download files are those with any permit status code value for the current permit record. ICIS-NPDES includes the following data types:

- Permit facility data
- Inspection information
- Permit schedule violations
- Effluent violations
- Compliance schedule violations
- Single Event violations
- Enforcement actions

The violation data includes system-generated records. ICIS automatically generates three basic types of violations: schedule violations, effluent violations, and DMR non-receipt violations. For each of these three types of violations, there are one or two automatic processes that serve to generate the violations. For each type, there is a process that runs when certain data related to requirements or permittee performance are entered or edited. For schedule violations and DMR non-receipt violations, there are also processes that run nightly. In addition to these automatically generated violations, users can manually enter single event violations. The table below lists the specific types of violations that may be generated by ICIS or manually entered.

Code	Violation Type	Description	Generated by
D80	DMR Non- Receipt	Required monitoring DMR value overdue	System
D90	DMR Non- Receipt	Limited value overdue	System

E90	Effluent	Reported DMR value exceeds maximum or average limit value or is below minimum limit value	System
C10	Schedule	Schedule event reported late	System
C20	Schedule	Schedule event achieved late but reported	System
C30	Schedule	Schedule event unachieved but reported	System
C40	Schedule	Schedule unachieved and not reported	System
Various	Single Event	Any manually determined violation	User

Limited enforcement action data are provided from ICIS FE&C where a NPDES program interest linkage exists. More detailed information about linked enforcement actions can be obtained from the ICIS FE&C download files, by using the Enforcement Action Identifier (ENF_IDENTIFIER).

Only certain data elements from ICIS-NPDES are incorporated into ECHO and a subset of these are provided in the download format. This document contains a list of these data elements, as well as available definitions. The data element table in Section 1.2 presents the ICIS-NPDES data elements in related groups that parallel the data's relationships.

There are two sets of download data. One zip file contains a single comma-separated value file for Effluent Violations (NPDES_EFF_VIOLATIONS.csv); the other zip file contains 10 comma-separated value files. Data were selected based on a single criterion: that the ICIS-NPDES Permit Status (PERMIT_STATUS) for the current permit version is equal to any non-null value. The files may contain repeating data fields, which will cause records to repeat the key field(s), *e.g.* NPDES_ID, where a permit has multiple values of the repeating field(s).

1.2 ICIS-NPDES DATA ELEMENTS BY TABLE

Element Name	Data Type	Length
FACILITY (ICIS_FACILITIES.csv)		
ICIS_FACILITY_INTEREST_ID	Num	22
NPDES_ID	Char	30
FACILITY_UIN	Char	12
FACILITY_TYPE_CODE	Char	3
FACILITY_NAME	Char	80
LOCATION_ADDRESS	Char	50
SUPPLEMENTAL_ADDRESS_TEXT	Char	50
CITY	Char	60
COUNTY_CODE	Char	5
STATE_CODE	Char	2
ZIP	Char	14
GEOCODE_LATITUDE	Char	10
GEOCODE_LONGITUDE	Char	11
IMPAIRED_WATERS	Char	20
PERMIT (ICIS_PERMITS.csv)		
ACTIVITY_ID	Num	22
EXTERNAL_PERMIT_NMBR	Char	9
VERSION_NMBR	Num	22
FACILITY_TYPE_INDICATOR	Char	10
PERMIT_TYPE_CODE	Char	3
MAJOR_MINOR_STATUS_FLAG	Char	1
PERMIT_STATUS_CODE	Char	3
TOTAL_DESIGN_FLOW_NMBR	Num	22
ACTUAL_AVERAGE_FLOW_NMBR	Num	22
STATE_WATER_BODY	Char	12
STATE_WATER_BODY_NAME	Char	50
PERMIT_NAME	Char	120
AGENCY_TYPE_CODE	Char	3
ORIGINAL_ISSUE_DATE	Date	7
ISSUE_DATE	Date	7
ISSUING_AGENCY	Char	100
EFFECTIVE_DATE	Date	7
EXPIRATION_DATE	Date	7
RETIREMENT_DATE	Date	7
TERMINATION_DATE	Date	7
PERMIT_COMP_STATUS_FLAG	Char	1
DMR_NON_RECEIPT_FLAG	Char	1
RNC_TRACKING_FLAG	Char	1

Element Name	Data Type	Length
MASTER_EXTERNAL_PERMIT_NMBR	Char	9
TMDL_INTERFACE_FLAG	Char	1
NAICS CODE (NPDES_NAICS.csv)		
NPDES_ID	Char	30
NAICS_CODE	Char	6
NAICS_DESC	Char	100
PRIMARY_INDICATOR_FLAG	Char	1
SIC CODE (NPDES_SICS.csv)		
NPDES_ID	Char	30
SIC_CODE	Char	4
SIC_DESC	Char	100
PRIMARY_INDICATOR_FLAG	Char	1
INSPECTIONS (NPDES_INSPECTIONS.csv)		
REGISTRY_ID	Char	36
NPDES_ID	Char	30
ACTIVITY_ID	Num	22
ACTIVITY_TYPE_CODE	Char	3
COMP_MONITOR_TYPE_CODE	Char	3
COMP_MONITOR_TYPE_DESC	Char	100
STATE_EPA_FLAG	Char	1
ACTUAL_END_DATE	Date	7
ACTIVITY_OUTCOME_CODE	Num	22
ACTIVITY_OUTCOME_DESC	Char	100
QNCR HISTORIC COMPLIANCE (NPDES_QNCR_HISTORY.csv)		
NPDES_ID	Char	9
YEARQTR	Char	5
HLRNC	Char	1
NUME90Q	Num	22
NUMCVDI	Num	22
NUMSVCD	Num	22
NUMPSCH	Num	22
PERMIT SCHEDULE VIOLATIONS (NPDES_PS_VIOLATIONS.csv)		
NPDES_ID	Char	30
NPDES_VIOLATION_ID	Num	22
PERM_SCHEDULE_EVENT_ID	Num	22
VIOLATION_TYPE_CODE	Char	6
VIOLATION_TYPE_DESC	Char	100
VIOLATION_CODE	Char	5
VIOLATION_DESC	Char	100
SCHEDULE_EVENT_CODE	Char	5
SCHEDULE_EVENT_DESC	Char	100
SCHEDULE_DATE	Date	7
RNC_DETECTION_CODE	Char	3

Element Name	Data Type	Length
RNC_DETECTION_DESC	Char	100
RNC_DETECTION_DATE	Date	7
RNC_RESOLUTION_CODE	Char	3
RNC_RESOLUTION_DESC	Char	100
RNC_RESOLUTION_DATE	Date	7
COMPLIANCE SCHEDULE VIOLATIONS (NPDES_CS_VIOLATIONS.csv)		
NPDES_ID	Char	30
NPDES_VIOLATION_ID	Num	22
VIOLATION_TYPE_CODE	Char	6
VIOLATION_TYPE_DESC	Char	100
COMP_SCHEDULE_EVENT_ID	Num	22
COMP_SCHEDULE_NMBR	Num	22
VIOLATION_CODE	Char	5
VIOLATION_DESC	Char	100
SCHEDULE_EVENT_CODE	Char	5
SCHEDULE_EVENT_DESC	Char	100
SCHEDULE_DATE	Date	7
ACTUAL_DATE	Date	7
RNC_DETECTION_CODE	Char	3
RNC_DETECTION_DESC	Char	100
RNC_DETECTION_DATE	Date	7
RNC_RESOLUTION_CODE	Char	3
RNC_RESOLUTION_DESC	Char	100
RNC_RESOLUTION_DATE	Date	7
SINGLE EVENT VIOLATIONS (NPDES_SE_VIOLATIONS.csv)		
NPDES_ID	Char	9
NPDES_VIOLATION_ID	Num	22
VIOLATION_TYPE_CODE	Char	6
VIOLATION_CODE	Char	5
VIOLATION_DESC	Char	100
SINGLE_EVENT_VIOLATION_DATE	Date	7
SINGLE_EVENT_BEGIN_DATE	Date	7
SINGLE_EVENT_END_DATE	Date	7
SINGLE_EVENT_VIOLATION_COMMENT	Char	4000
SINGLE_EVENT_AGENCY_TYPE_CODE	Char	3
RNC_DETECTION_CODE	Char	3
RNC_DETECTION_DESC	Char	100
RNC_DETECTION_DATE	Date	7
RNC_RESOLUTION_CODE	Char	3
RNC_RESOLUTION_DESC	Char	100
RNC_RESOLUTION_DATE	Date	7
CWA ENFORCEMENT ACTIONS (NPDES_FORMAL_ENFORCEMENT_ACTIONS.csv)		
NPDES_ID	Char	30

Element Name	Data Type	Length
ENF_IDENTIFIER	Char	20
ACTIVITY_ID	Num	22
ACTIVITY_TYPE_CODE	Char	3
ENF_TYPE_CODE	Char	7
ENF_TYPE_DESC	Char	100
AGENCY	Char	5
SETTLEMENT_ENTERED_DATE	Date	7
FED_PENALTY_ASSESSED_AMT	Num	22
STATE_LOCAL_PENALTY_AMT	Num	22
CWA INFORMAL ENFORCEMENT ACTIONS (NPDES_INFORMAL_ENFORCEMENT_ACTIONS.csv)		
NPDES_ID	Char	30
REGISTRY_ID	Char	36
AGENCY	Char	5
ACTIVITY_TYPE_CODE	Char	3
ACTIVITY_TYPE_DESC	Char	100
ENF_TYPE_CODE	Char	7
ENF_TYPE_DESC	Char	100
ACHIEVED_DATE	Date	7
ENF_IDENTIFIER	Char	20
EFFLUENT VIOLATIONS (NPDES_EFF_VIOLATIONS.csv)		
NPDES_ID	Char	9
VERSION_NMBR	Num	22
ACTIVITY_ID	Num	22
NPDES_VIOLATION_ID	Num	22
PERM_FEATURE_NMBR	Char	4
PERMIT_ACTIVITY_ID	Num	22
DMR_FORM_VALUE_ID	Num	22
DMR_VALUE_NMBR	Num	22
DMR_VALUE_ID	Num	22
DMR_PARAMETER_ID	Num	22
NODI_CODE	Char	3
ADJUSTED_DMR_VALUE_NMBR	Num	22
VIOLATION_TYPE_CODE	Char	6
VIOLATION_TYPE_DESC	Char	100
VIOLATION_CODE	Char	5
VIOLATION_DESC	Char	100
PARAMETER_CODE	Char	5
PARAMETER_DESC	Char	100
MONITORING_PERIOD_END_DATE	Date	7
EXCEEDENCE_PCT	Num	22
VALUE_QUALIFIER_CODE	Char	3
UNIT_CODE	Char	2

Element Name	Data Type	Length
VALUE_RECEIVED_DATE	Date	7
DAYS_LATE	Num	22
ADJUSTED_DMR_STANDARD_UNITS	Num	22
LIMIT_ID	Num	22
DMR_VALUE_STANDARD_UNITS	Num	22
VALUE_TYPE_CODE	Char	3
RNC_DETECTION_CODE	Char	3
RNC_DETECTION_DESC	Char	100
RNC_DETECTION_DATE	Date	7
RNC_RESOLUTION_CODE	Char	3
RNC_RESOLUTION_DESC	Char	100
RNC_RESOLUTION_DATE	Date	7
STATISTICAL_BASE_CODE	Char	3
STATISTICAL_BASE_MONTHLY_AVG	Char	1
NPDES_ID	Char	9
VERSION_NMBR	Num	22
ACTIVITY_ID	Num	22
NPDES_VIOLATION_ID	Num	22
PERM_FEATURE_NMBR	Char	4
PERMIT_ACTIVITY_ID	Num	22
DMR_FORM_VALUE_ID	Num	22
DMR_VALUE_NMBR	Num	22
DMR_VALUE_ID	Num	22
DMR_PARAMETER_ID	Num	22

2.0 ICIS-NPDES Data Element Definitions

The following is a list of the data elements and ICIS-derived elements that appear in the ECHO ICIS-NPDES download.

ACHIEVED_DATE - The date on which an Informal Enforcement Action is achieved. For an informal action based on only oral notification, it is the date the regulated entity actually received such notification.

ACTIVITY_ID - The unique identifier for an activity performed at or related to a particular site.

ACTIVITY_TYPE_CODE - A code describing the type of enforcement activity.

Valid values are:

Code	Description
AIF	Administrative, Informal
AFR	Administrative, Formal
JDC	Judicial

ACTIVITY_TYPE_DESC - Full text description for ACTIVITY_TYPE_CODE.

ACTIVITY_OUTCOME_CODE - Contains a code describing the outcome of the inspection. The field CMPMAOC_DESC provides the full text description for the code.

ACTIVITY_OUTCOME_DESC - Full text description for ACTIVITY_OUTCOME_CODE.

ACTUAL_END_DATE - Identifies the calendar date of the listed inspection (MM/DD/YYYY).

ADJUSTED_DMR_STANDARD_UNITS - The Adjusted DMR value expressed in standard units as calculated by the system.

ADJUSTED_DMR_VALUE_NMBR - The Adjusted DMR value number reported on the DMR if an effluent trade(s) has taken place for a Limit parameter that has at least one effluent trade partner.

AGENCY - Identifies the agency lead (S = State, E = EPA) for the listed enforcement action.

AGENCY_TYPE_CODE - A three character code indicating the type of organization issuing or granting a permit. Valid code values are:

Code	Description	Code	Description
ST6	State	OF6	Other Federal
MN6	Municipal	SC6	State Contractor
CT6	County	SO6	Other - State
RG6	Regional	TR6	Tribal
EP6	U.S. EPA	UN6	Unknown from Conversion
EC6	EPA Contractor	SE6	SEE Inspector
EO6	Other – EPA	OT6	Other
IN6	Interstate	CR6	Contractor
LC6	Local		

ACTUAL_AVERAGE_FLOW_NMBR - The flow that a permitted feature actually had at the time of application., expressed as millions of gallons per day (MGD).

CITY - A 60 character field that contains the name of the city in which the facility is located.

COMP_MONITOR_TYPE_CODE - Contains a code describing the type of inspection that was conducted.

COMP_MONITOR_TYPE_DESC – Full text description of COMP_MONITOR_TYPE_CODE.

COMP_SCHEDULE_EVENT_ID (Compliance Schedule Event ID) The unique identifier of the Compliance Schedule Event to which the Violation is associated; it is only used for Schedule Violations of a Final Order.

COMP_SCHEDULE_NMBR - A 2-digit number which in combination with the Schedule Type and NPDES ID uniquely identifies a Compliance Schedule.

COUNTY_CODE - A five digit field that contains the FIPS county code in which the facility is located, used in conjunction with the facility state code.

DAYS_LATE - The system-generated number of days the Discharge Monitoring Report value was late (as compared to the DMR_DUE_DATE) in ICIS.

DMR_FORM_VALUE_ID - The sequence ID identifying the DMR Form Value.

DMR_NON_RECEIPT_FLAG - The flag indicating whether or not the permit is subject to the DMR run. Value is (Y)es or No (null value).

DMR_PARAMETER_ID - The system-generated unique identifier for the DMR parameter to which the DMR value belongs.

DMR_VALUE_ID – The system-generated unique identifier for the DMR value.

DMR_VALUE_NMBR - The DMR value number reported on the DMR form.

DMR_VALUE_STANDARD_UNITS –The DMR value expressed in standard units as calculated by the system.

EDMR_AUTHORIZATION_FLAG - This indicates whether DMRs for the Permit may be submitted electronically.

ENF_IDENTIFIER - The unique identifying number of the Enforcement Action as referred to by the Court where the action was filed; the Enforcement Action Identifier. This element is commonly referred to as the case number.

EFFECTIVE_DATE - The date the permit became effective or is scheduled to become effective (MM/DD/YYYY).

ENF_TYPE_CODE - A code describing which enforcement action was taken in response to a violation.

ENF_TYPE_DESC - A text description of the ENF_TYPE_CODE value.

EXCEEDENCE_PCT - The system-generated percent by which the DMR value (or Adjusted Value) exceeded its Limit (or stay) value.

EXPIRATION_DATE - The date the permit expired or is scheduled to expire (MM/DD/YYYY).

FACILITY_NAME - An 80-character field that contains the name of the facility.

FACILITY_UIN - The number assigned by the Facility Registry System (FRS) that is used to associate facility records from multiple environmental database systems that are known or believed to represent the same facility.

FACILITY_TYPE_INDICATOR - A 10-character code indicating the facility as either a POTW, non-POTW, or federal entity.

FED_PENALTY_ASSESSED_AMT - The dollar amount of federal civil penalties assessed or agreed to at a formal enforcement action. Where the enforcement case results in multiple settlements, this represents the sum of penalty amounts for all of the settlements.

GEOCODE_LATITUDE - The latitude of the facility or permit holder as maintained in each data system. The FRS lat/long is from the EPA Locational Reference Tables (LRT) file which represents the "best" value for the latitude and longitude coordinates.

GEOCODE_LONGITUDE - The longitude of the facility or permit holder as maintained in each data system. The FRS lat/long is from the EPA Locational Reference Tables (LRT) file.

HLRNC (Historic Noncompliance) An historic tracking of the latest reported QNCR value (LRNC) at the end of a quarter. HLRNC is a reconciliation of the current quarter automatic and manual QNCR values. The Historic Noncompliance field is derived by HLRNC and corresponds to the quarter indicated by HQRTR. Valid code values are:

Code	Short Description	Long Description
C	COMPLIANT	Not considered in RNC/SNC based on manual review of data by state or EPA region.
D	NC-SNC DMR NON-RECPT	SNC/Category I - reporting violation - non-receipt of DMR
E	NC-SNC EFFLUENT VIOL	SNC/Category I - effluent violations of monthly average limits (Technical Review Criteria and chronic)
N	NC-RNC VIOLTNs ONLY	RNC/Category II - reportable non-compliance
P	RESOLVED PENDING	Resolved Pending - an enforcement action has been issued, and facility compliance with the action is pending final completion

Q	RESOLVED PENDING - CS	Resolved Pending - Compliance Schedule (manual only)
R	RESOLVED	Resolved - the facility has returned to compliance with its permit conditions, either with or without issuance of an enforcement action
S	NC-SNC COMP SCHD VIO	SNC/Category I - an enforcement action has been issued, and the facility is not meeting its compliance schedule
T	NC-SNC COMP SCHD RPT	SNC/Category I - compliance schedule reporting violation
U	UNDETERMINED	Undetermined QNCR Status - insufficient data, or permittee is a minor discharger not subject to mandatory reporting
X	NC-SNC EF NONMNTH AV	SNC/Category I - effluent violations of non-monthly average limits (Technical Review Criteria and chronic)

ICIS_FACILITY_INTEREST_ID -The system-generated unique ID for identifying the facility interest.

IMPAIRED_WATERS - A single digit value indicating that the facility is discharging into a water that has been identified as impaired (category 4 or category 5) in the Watershed Assessment, Tracking & Environmental Results (WATERS) database (<http://www.epa.gov/waters/about/index.html>). Valid values are:

Code	Description
4	4. Impaired - Total maximum daily load (TMDL) not needed. Available information indicates that at least one designated use is not being supported, but a TMDL is not needed
5	Impaired - TMDL needed. Available information indicates that at least one designated use is not being supported and a TMDL is needed (also known as the 303(d) listed waters)

ISSUE_DATE -The date the permit was issued (MM/DD/YYYY).

ISSUING_AGENCY – This is the name of the organization issuing or granting a permit.

LIMIT_ID -The unique identifier for a limit parameter record.

LOCATION_ADDRESS - A 50-character field that contains the street address of the facility.

MAJOR_MINOR_STATUS_FLAG – A 1-character code that designates the facility as a major (M) or minor (null value) discharger.

MASTER_EXTERNAL_PERMIT_NMBR - This is the unique identifier for the Master General Permit for a General Permit Covered Facility.

MONITORING_PERIOD_END_DATE - The date that the monitoring period for the values covered by this DMR Form ends (YYYYMMDD).

NAICS_CODE - The 6-digit North American Industry Classification System (NAICS) code that represents a subdivision of an industry that accommodates user needs in the United States. For detailed information about NAICS and for a crosswalk between NAICS and SIC codes, please check the U.S. Census Bureau.

NAICS_DESC - The corresponding description of North American Industry Classification System (NAICS) code.

NPDES_ID - This field contains a NPDES number formatted to define the general permit, the industrial classification, and the sequence number. This NPDES number may reflect either the permit or a facility covered by the permit

NUMCVDT (Number of Compliance Schedule Violations in Quarter) A count of the number of compliance schedule violations reported in the quarter, defined by YEARQTR.

NUME90Q (Number of E90 Violations in Quarter) A count of the number of effluent violations (E90) reported in the quarter, defined by YEARQTR.

NUMPSCH (Number of Permit Schedule Violations in Quarter) A count of the number of permit schedule violations reported in the quarter, defined by YEARQTR.

NUMSVCD (Number of Single Event Violations in Quarter) A count of the number of single event violations reported in the quarter, defined by PRHQRTR.

PARAMETER_CODE - The unique code identifying the parameter being reported on the DMR.

PARAMETER_DESC - Text description of the code value PARAMETER_CODE.

PERM_FEATURE_NMBR - The identifier assigned for each location at which permit conditions are being applied.

PERM_SCHEDULE_EVENT_ID - The unique identifier of the Permit Schedule Event to which the Violation is associated; it is only used for Schedule Violations of a Permit.

PERMIT_COMP_STATUS_FLAG - This is a code that indicates whether the permit is currently on or off for compliance tracking purposes. Value is (Y)es or No (null value).

PERMIT_NAME - This is the name of the facility having the National Pollutant Discharge Elimination System (NPDES) permit to discharge pollutants in the waters of the United States.

PERMIT_STATUS_CODE - ICIS-NPDES designates a permit as Effective (EFF), Administratively Continued (ADC), Expired (EXP), Not Needed (NON), Pending (PND), Retired (RET), or Terminated (TRM).

PERMIT_TYPE_CODE - The unique code identifying the type of permit.
Valid code values are:

Code	Description	Code	Description
NPD	NPDES Individual Permit	IU	Individual IU Permit (Non-NPDES)
NGP	NPDES Master General Permit	SIN	Individual State Issued Permit (Non-NPDES)
GPC	General Permit Covered Facility	APR	Associated Permit Record
SNN	State Issued Master General Permit (Non-NPDES)	UFT	Unpermitted Facility

PERMIT_TYPE_DESC - Text description for PERMIT_TYPE_CODE.

PRETREATMENT_INDICATOR_CODE - A 1-character code which indicates if the permitted municipality is required to develop a pretreatment program. Valid code values are:

Code	Description	Code	Description
C	Covered	S	State
E	EPA	Y	Approved
R	Required and Developing		

PRIMARY_INDICATOR_FLAG - The flag indicating whether the NAICS or SIC code is the primary code for the Facility. Value is (Y)es or No (null value).

RETIREMENT_DATE - The date the permit was retired (YYYYMMDD).

RNC_DETECTION_DATE - The date associated with RNC_DETECTION_CODE (MM/DD/YYYY).

RNC_DETECTION_CODE - Indicates reportable noncompliance (RNC) for a particular violation event. Valid code values are:

Code	Description	Code	Description
A	Enforcement Order	P	Enforcement Order, Non-Monthly Average
B	Manual 2A4 - Pass-Through	Q	Manual 2B - Pretreatment
C	Chronic Violation	R	TRC Limitations Exceeded, Non-Monthly Average
D	Manual Other	S	Schedule Violation
E	Manual 2F - Permit Narrative	T	TRC Limitations Exceeded
F	Manual 2G - Violation of Concern	U	Other Violation with TRC Non-Monthly Average
G	Manual 2A1 - Effluent Violation	V	Other Violation with TRC
H	Chronic Violation, Non-Monthly Average	W	Manual 2E - Deficient Report
I	Manual 2A2 - Unauthorized Bypass	X	Manual Other Violation with TRC
J	Manual 2A3 - Unpermitted Discharge	Y	Manual TRC
K	Non-receipt Violation, Non-Monthly Average	Z	Manual Chronic
N	Non-Receipt of DMR/Schedule Report		

RNC_DETECTION_DESC - Text description of the code value RNC_DETECTION_CODE.

RNC_RESOLUTION_DATE - The date associated with VIORNRC (MM/DD/YYYY).

RNC_RESOLUTION_CODE - A code indicating how RNC was resolved for a particular violation. Valid code values are:

Code	Description
A	NC - Manual Unresolved RNC
B	RE - Manual by EPA/State/Tribal Action
1	NC - Unresolved RNC
2	RE - Back into Compliance
3	RP - Due to Formal Enforcement Action Final Order with Compliance Schedule
4	RP - In Compliance with Formal Enforcement Action Final Order Requirement
5	RE - Resolved RP by NPDES Closure of Enforcement Action Final Order with Compliance Schedule
6	RE - Manual Resolution by Enforcement Action
7	RP - Manual RP - In Compliance with Formal Enforcement Action Order Requirement
8	RP - Manual Due to Formal Enforcement Action Formal Order

RNC_RESOLUTION_DESC - Text description of the code value RNC_RESOLUTION_CODE.

RNC_TRACKING_FLAG - The flag indicating if the RNC tracking is on. Value is (Y)es or No (null value).

SCHEDULE_DATE - The date the compliance schedule or permit schedule event is scheduled to be completed (i.e., the due date).

SCHEDULE_EVENT_DESC - Text description of the code value for SCHEDULE_EVENT_CODE.

SCHEDULE_EVENT_CODE - The code indicating the particular event with which the permittee is scheduled to comply.

SCHEDULE_EVENT_DESC - Text description of the code value SCHEDULE_EVENT_CODE.

SETTLEMENT_ENTERED_DATE - The date of the enforcement action (MM/DD/YYYY). Where multiple settlements are associated with a single enforcement action, this represents the earliest date entered.

SIC_CODE - The 4-digit Standard Industrial Classification (SIC) code that represents the economic activity of a company.

SIC_DESC - The corresponding description of the Standard Industrial Classification (SIC) code

SINGLE_EVENT_VIOLATION_DATE - The date of a single event violation (MM/DD/YYYY).

STATE_CODE - A two-character field that contains the state postal abbreviation for the state in which the facility is located.

STATE_EPA_FLAG - Identifies the agency lead (S = State, E = EPA) for the listed inspection

STATE_LOCAL_PENALTY_AMT - The dollar amount of state or local civil penalties assessed or agreed to at a formal enforcement action. Where the enforcement case results in multiple settlements, this represents the sum of penalty amounts for all of the settlements.

STATE_WATER_BODY - The state's code to identify the water body into which the effluent is discharged for a Permitted Feature.

STATE_WATER_BODY_NAME - The state's name for the water body into which the effluent is discharged for a Permitted Feature.

STATISTICAL_BASE_CODE - The code that defines the statistical analysis to be used for the limit value.

STATISTICAL_BASE_MONTHLY_AVG –The data element indicating whether the statistical base code is a monthly average, non-monthly average, or neither for purposes of calculating RNC.

SUPPLEMENTAL_ADDRESS_TEXT - The name of the supplemental location for the facility.

TERMINATION_DATE - The date the permit was terminated (MM/DD/YYYY).

TMDL_INTERFACE_FLAG - This field indicates whether a Permit has received TMDL information.

UNIT_CODE -The code representing the unit of measure applicable to quantity or concentration limits and measurements as entered by the user on the DMR form.

TOTAL_DESIGN_FLOW_NMBR - This is the flow that a permitted facility was designed to accommodate, expressed as millions of gallons per day (MGD).

VALUE_QUALIFIER_CODE – **VALUE_QUALIFIER_CODE** The direction of the value when an alternate limit value is possible. Values may include less than, greater than, and too numerous, which are currently entered in the DMR value columns.

VALUE_RECEIVED_DATE -The date the DMR value was received by the regulatory authority.

VERSION_NMBR - The version of the permit when a modification or reissuance is applied to the permit.

VIOLATION_CODE - Violation code describing both automatically and manually detected violations.

VIOLATION_DESC - Text description of the code value for **VIOLATION_CODE**.

VIOLATION_TYPE_CODE - A derived code to differentiate violation records.
Valid code values are:

Code	Description	Code	Description
C	Compliance Schedule Violation	P	Permit Schedule Violation
D	DMR Violation	S	Single Event Violation

VIOLATION_TYPE_DESC – Text description of the code value **VIOLATION_TYPE_CODE**.

VALUE_TYPE_CODE - The indication of the limit value type (*e.g.*, Quantity 1, Concentration 2). Valid code values are:

Code	Description	Code	Description
Q1	Quantity1	C1	Concentration1
Q2	Quantity2	C2	Concentration2
		C3	Concentration3

YEARQTR (Historic Noncompliance Quarter) Indicates the fiscal year (Oct. – Sept.) and quarter that a value for HLRNC was recorded. The format is YYYYQ, where Q = 1 – 4.

ZIP - A 9-character field that contains the U.S. Postal Zone Improvement Plan (ZIP) code for the area in which the facility is located.